

# Transportation Commission

May 16, 2018



# **Public Comment Period 3 min per speaker.**

Agenda Item #1



# **COMMISSION MINUTES:**

## **April 18, 2016 Meeting**

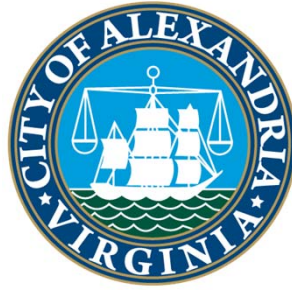
Agenda Item #2



# Updates to Receive

Agenda Item #3





# Commission Updates

Agenda Item #4



# **NVTA FY 2018 – 2023 Six Year Program**

Agenda Item #5

Action Item



# NVTA Six Year Program

- NVTA Six Year Program Public Comment & Public Hearing
  - April 12 – May 20, 2018 (May 10 Open House / Public Hearing)
- NVTA PCAC
  - May 23, 2018
- NVTA PPC
  - June 6, 2018
- Approval of NVTA Six Year Program
  - June 14, 2018

# Transportation Commission Action



- Receive any additional public input and  
Provide any additional comments
- Approve letter to send to NVTA



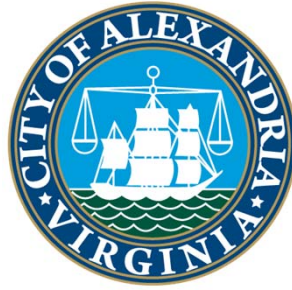
# NVTA's First Six Year Program

- FY 2018 – FY 2023
  - 70% Regional Transportation Funding
  - Projects must be in TransAction
  - Estimated Program of \$1.2 Billion
    - Proposed Allocate 100% PAYGO in FY18, FY19, FY20
    - Proposed Taper FY21, FY22, FY23
    - Priority Ranking of Projects
    - Six Year Program expected to be updated every two years

# Proposed Projects & Funding Request (\$88,228,652)



Priority	Project Name	FY18	FY19	FY20	FY21	FY22	FY23	Total Request
1	West End Transitway – Northern Segment	\$250,000	\$250,000	\$250,000	\$20,000,000	\$20,000,000	\$20,000,000	\$60,750,000
2	Transit Signal Priority on Route 7 and Route 236	\$180,000	\$1,015,491					\$1,195,491
3	DASH Technology	\$150,000						\$150,000
4	DASH Fleet and Facility Expansion			\$2,300,000	\$1,350,000	\$4,110,750	\$4,172,411	\$11,933,161
5	King Street Ped/Bike Improvements/TSP/ITS					\$700,000	\$1,500,000	\$2,200,000
6	Duke Street BRT (NEPA & Design)				\$4,000,000	\$4,000,000	\$4,000,000	\$12,000,000



# **U.S. DoT Grant Funding: Better Utilizing Investments to Leverage Development (BUILD)**

Agenda Item #6

Action Item



# BUILD

- BUILD – Better Utilizing Investments to Leverage Development
- FY18 Federal budget allocated \$1.5B
- Highly competitive discretionary grant program
- Managed by US DOT
- Replaces the TIGER program



# BUILD - Summary of Funding Request



City of Alexandria Projects	
West End Transitway Corridor Enhancements *	Up to \$25,000,000
Duke Street Transitway – Alternatives Analysis & Environmental Documentation	\$2,000,000
<b>TOTAL</b>	<b>Up to \$27,000,000</b>

*\* The scope and funding amount for the West End Transitway project is subject to change, dependent on the amount of funding awarded by the NVTA (Northern Virginia Transportation Authority). The NVTA is scheduled to adopt its FY18-23 Six Year Program in June 2018.*



# Next Steps – BUILD

- Application Deadline: July 19, 2018
- Fall 2018: Projects scored by USDOT
- Deadline for USDOT to award funds: December 18, 2018

# Transportation Commission Action



- Approve BUILD application Letter



# **FY24-25 Smart Scale Grants Application**

Agenda Item #7

Action Item



# SMART SCALE

- Highly competitive Commonwealth transportation funding program
- City has received past funding from this program
- Current application cycle for FY24-25 funds
- Early estimates indicate approximately \$850M available for both FY



# SMART SCALE – Summary of Funding Request FY 24-25

City of Alexandria Projects	
West End Transitway Phase II (Southern Segment) *	\$24,000,000
Safety and Capacity Enhancements at Duke/Taylor Run/Telegraph	\$4,500,000
Access Improvements to Landmark Transit Hub	\$10,000,000
Eisenhower Avenue Metro Station North Entrance	\$35,000,000
<b>TOTAL</b>	<b>\$73,500,000</b>

*\* The scope and funding amount for the West End Transitway project is subject to change, dependent on the amount of funding awarded by the NVTa (Northern Virginia Transportation Authority). The NVTa is scheduled to adopt its FY18-23 Six Year Program in June 2018.*

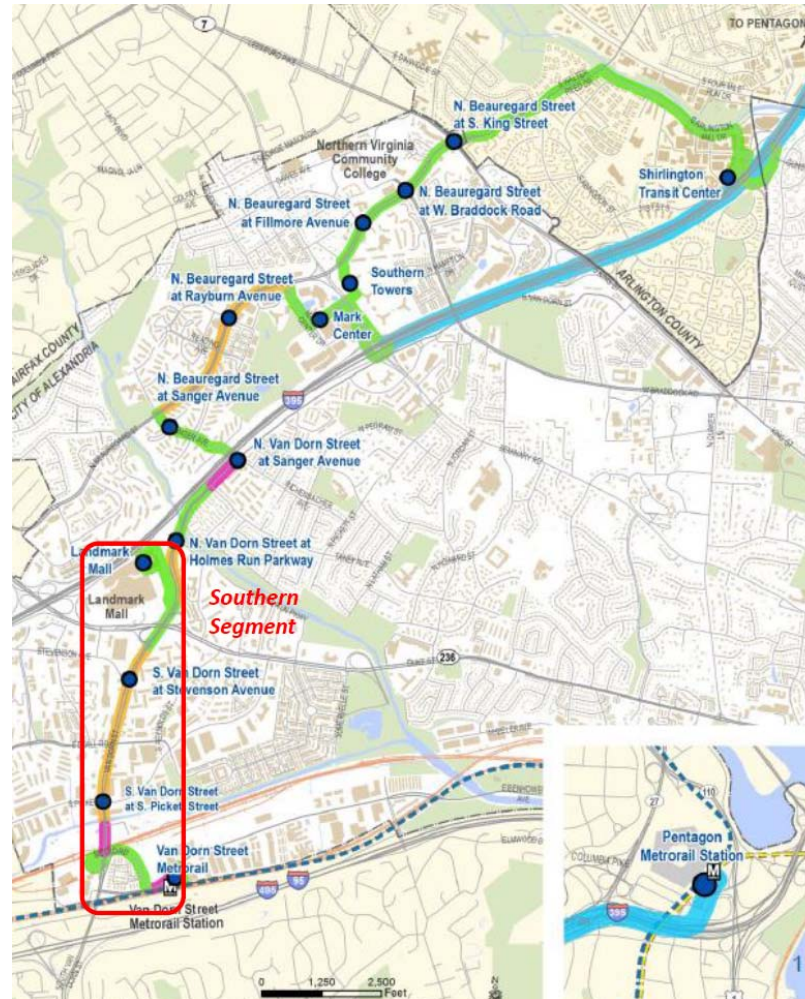
# SMART SCALE – Summary of Funding Request



DASH Projects	
Zero Emissions Fleet Program	\$12,000,000
City TSP on Major Corridors	\$2,160,000
<b>TOTAL</b>	<b>\$14,160,000</b>

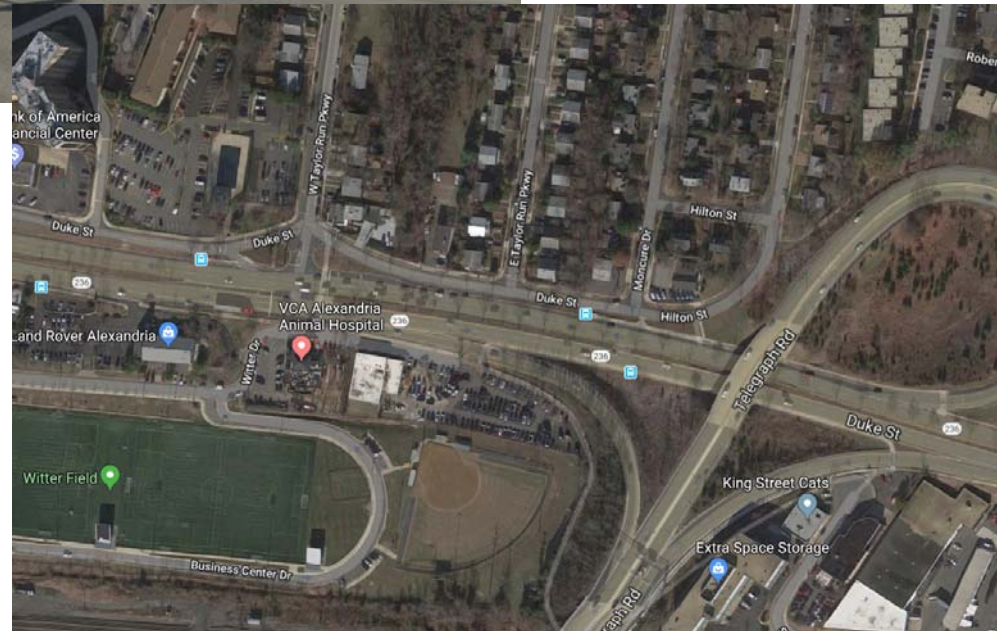
Total Project Funding	
City of Alexandria	\$73,500,000
DASH	\$14,160,000
<b>TOTAL</b>	<b>\$87,660,000</b>

# West End Transitway Phase II – Southern Segment





# Safety & Access Enhancements at Duke/Taylor Run/Telegraph

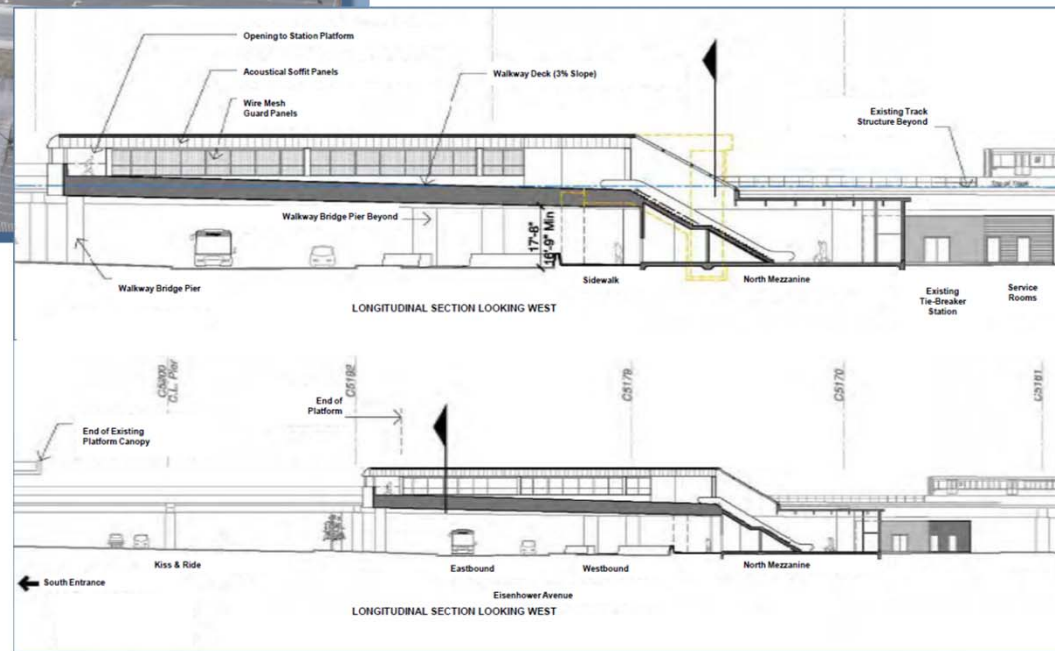


# Access Improvements to the Landmark Transit Hub





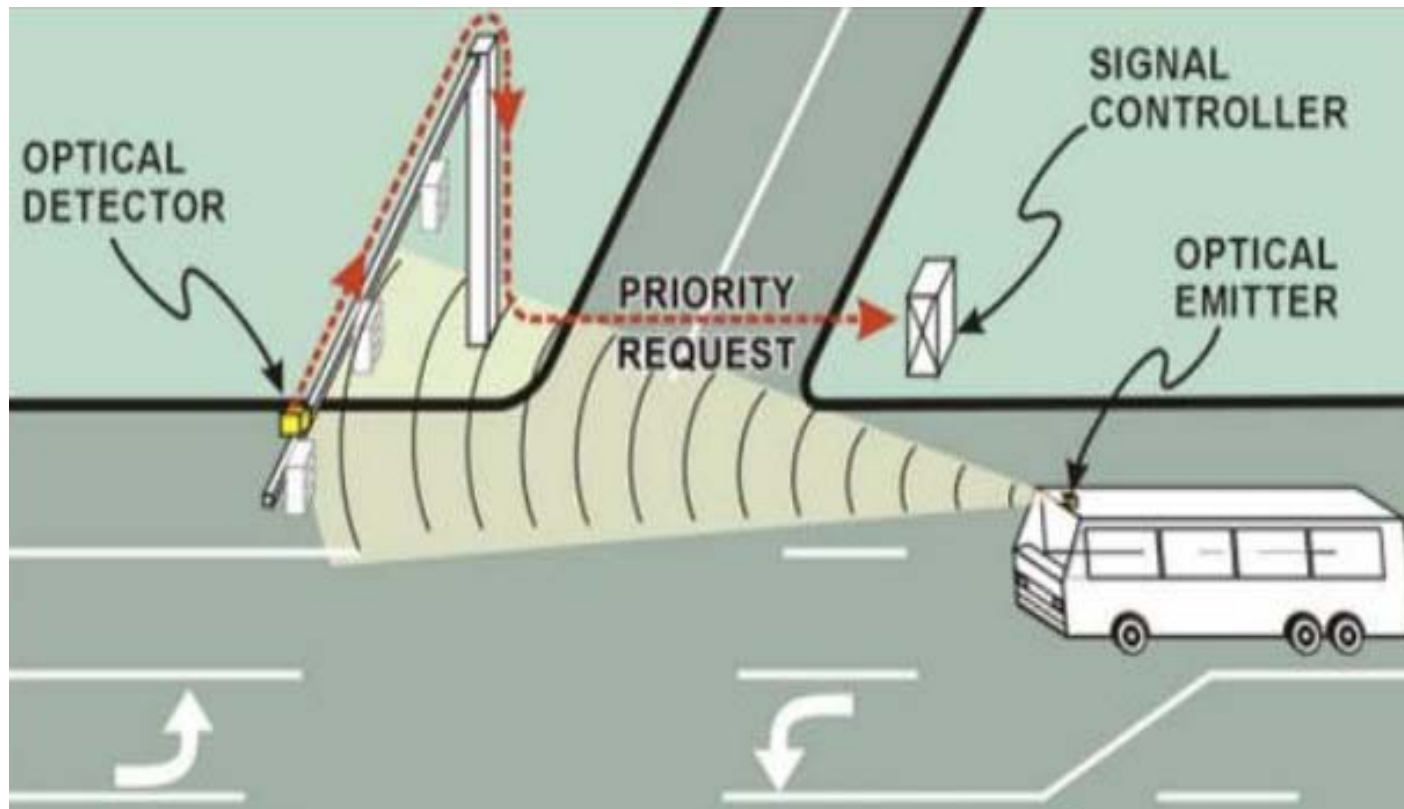
# Eisenhower Ave Metro - North Entrance



# DASH Zero Emission Fleet Program



# Citywide TSP on Major Corridors





# Next Steps – SMART SCALE

- Application Deadline: August 1, 2018
- Fall 2018 – VDOT and DRPT Scoring
- January 2019: Projects and Scores sent to CTB and posted online
- Spring 2019: CTB Public Hearings on SYIP (including SMART SCALE)
- June 2019: CTB adopts SYIP (including SMART SCALE)

# Transportation Commission Action



- Approve SMART SCALE application Letter



# **Commonwealth Transportation Board (CTB) Six Year Plan Letter**

Agenda Item #8



# Request comments from the TC



- Please provide any comments to Ramiro Rios by **XXX**



# **Route 1 South Affordable Housing Project**

Agenda Item #9

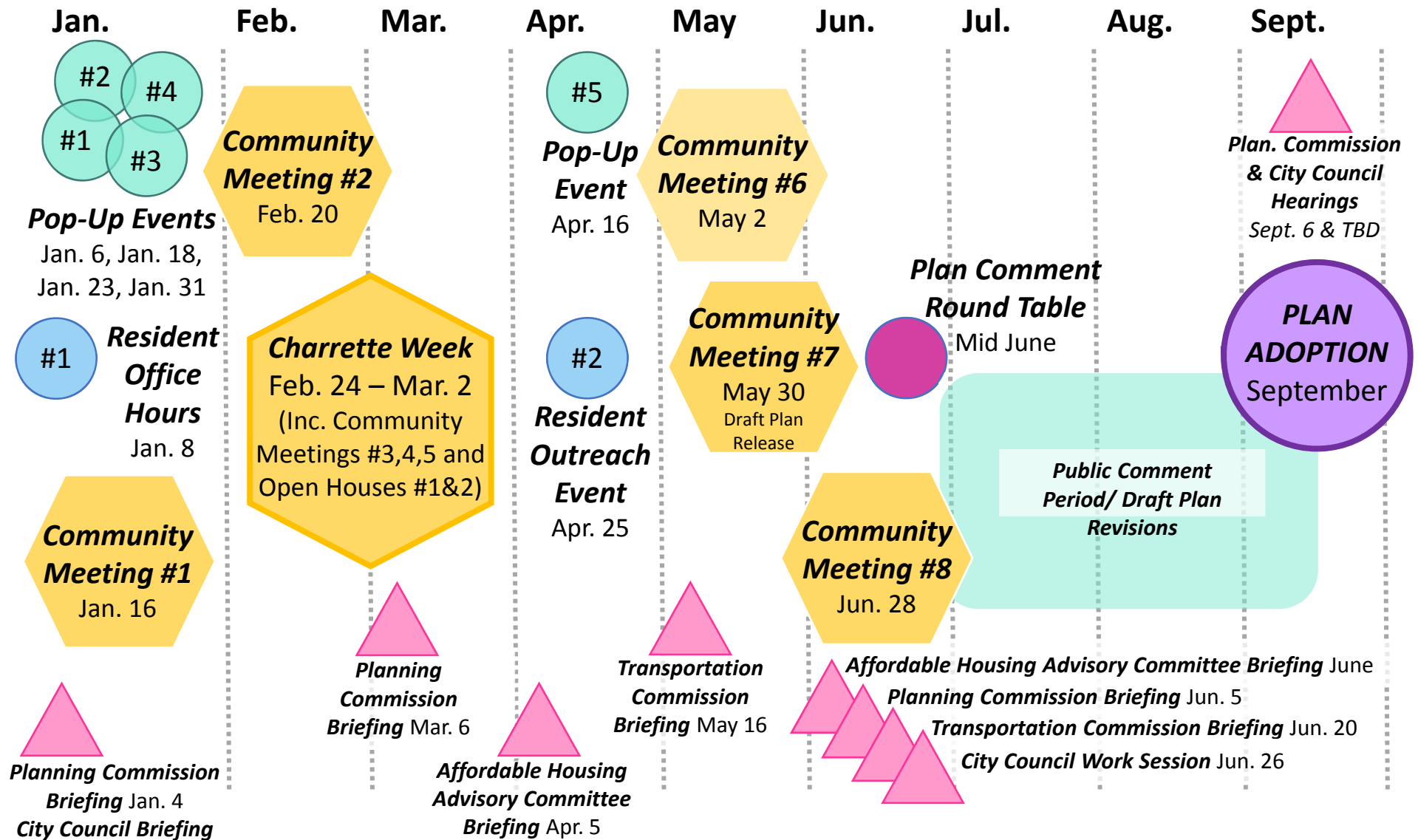
# r.1 SOUTH HOUSING AFFORDABILITY STRATEGY

Transportation Commission

5/16/2018



# Plan Schedule

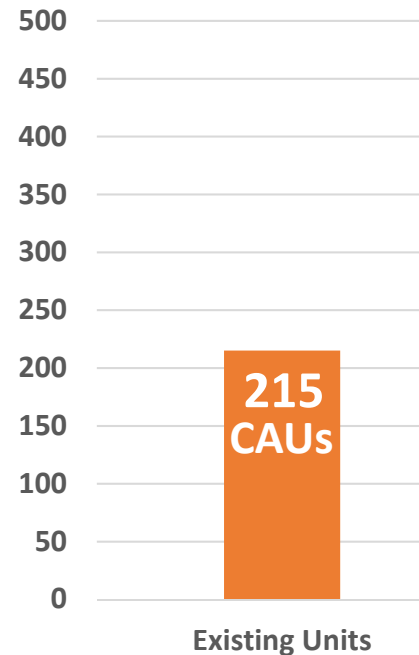


# Preserving Housing Affordability in Route 1 South

On average, approximately 3 (2.5-3.5) market-rate units are needed for every 1 affordable unit.

This will:

- Preserve existing mixed-income model
- Maintain levels of deep affordability (existing federal rental subsidy contracts will be lost if units are not replaced)
- Minimize city investment through public-private-nonprofit partnerships and leveraged resources



**CAUs = Committed Affordable Units**

**MRUs = Market Rate Units**

Note: Estimated number of new units is based on average ratio of market rate to affordable units. Final number of units will be determined as part of the development review process.



# Regional Context





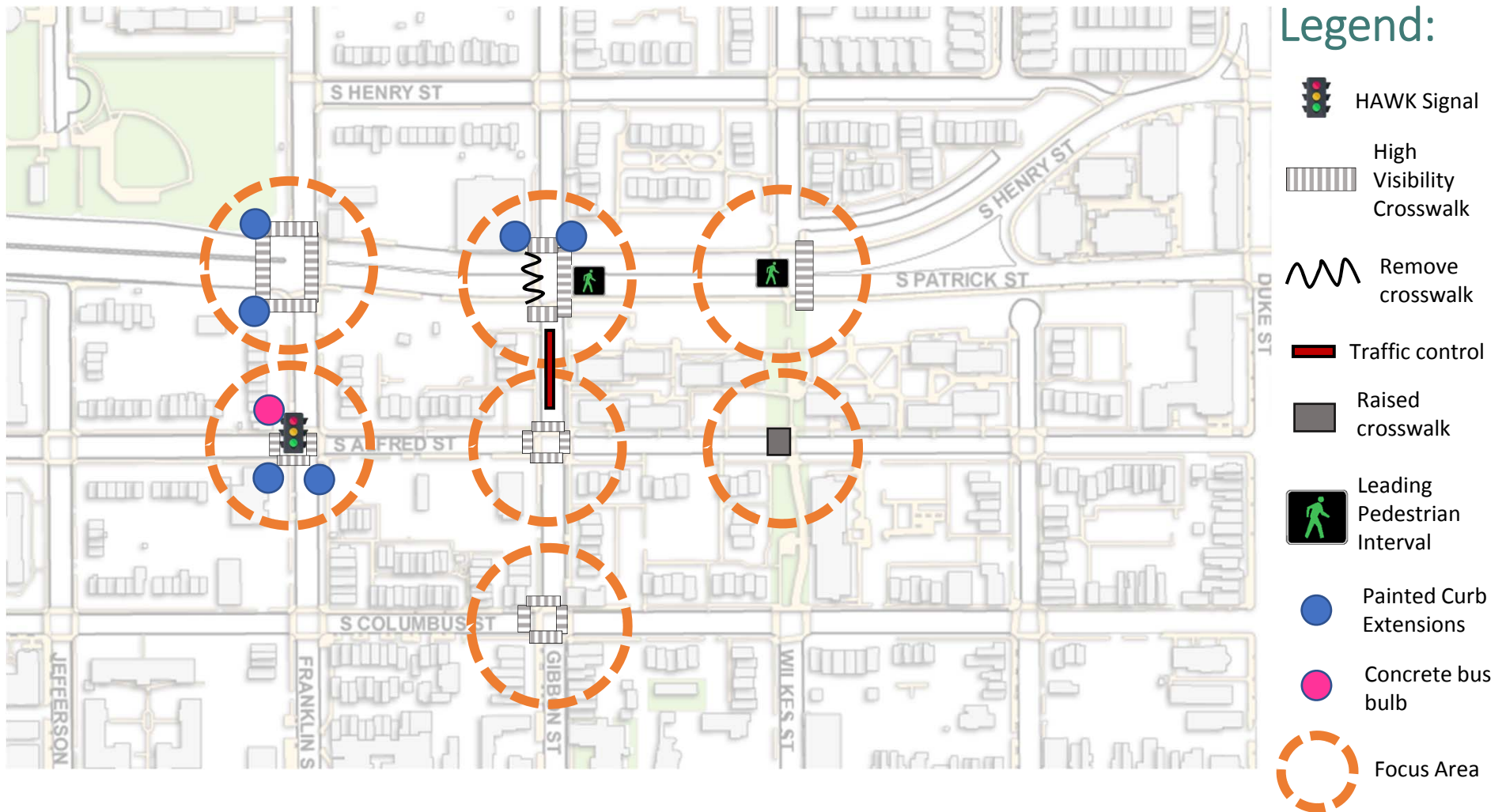
# Route 1/ S. Patrick St. – Existing Conditions

## Community Concerns



- Low crosswalk visibility
- Long crosswalks
- Opportunities for additional crosswalks
- Narrow sidewalk
- Traffic speed feels too fast
- Median refuges are too narrow
- Uncomfortable for walking/bicycling
- Congestion during peaks

# Near-Term Improvements

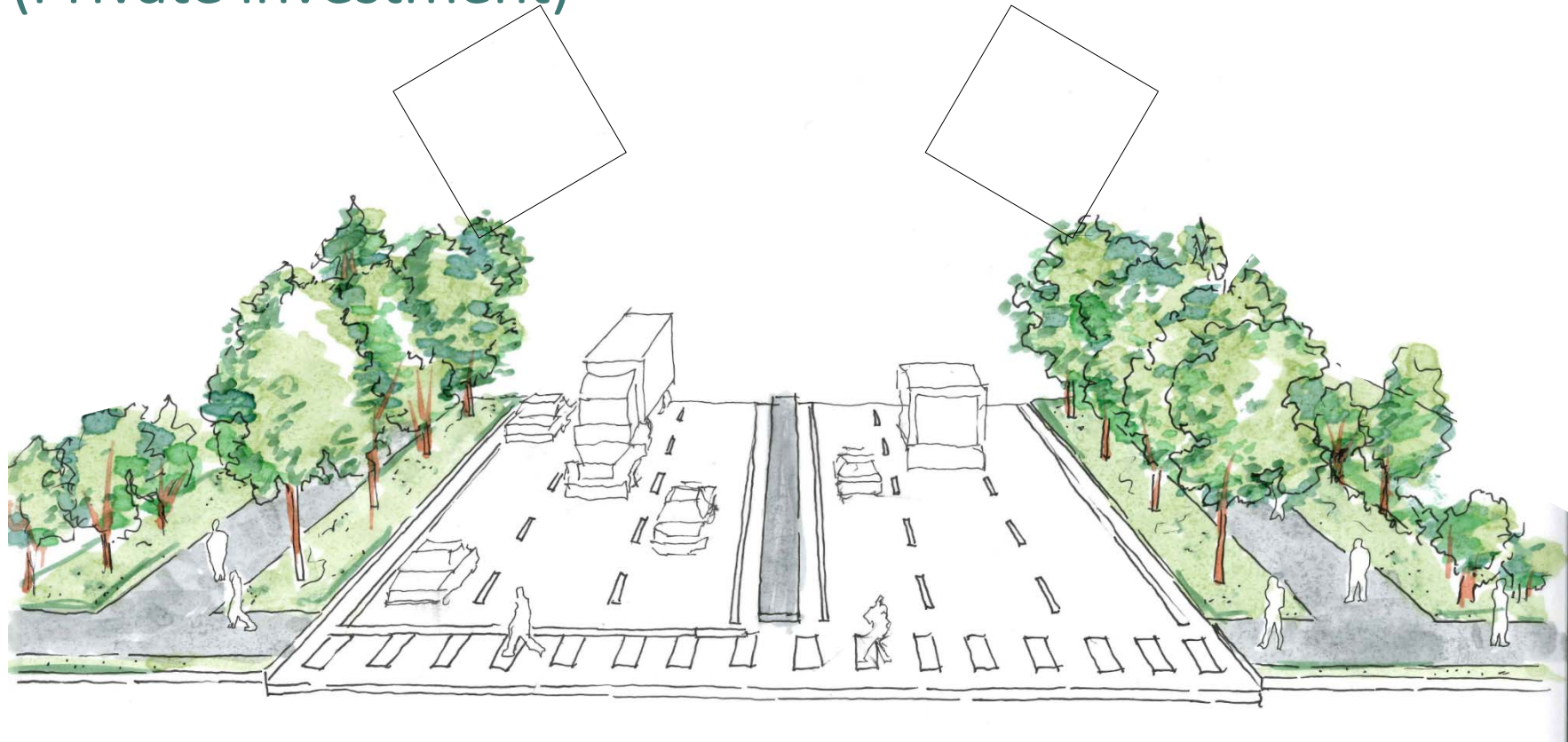




# Long-Term Vision (Public and Private Improvements)



# Route 1 / S. Patrick St. Improvements (Private investment)



Varies

3 - Lanes

\*

3 - Lanes

Varies

\* Existing median

# Route 1 / S. Patrick St. Improvements

(Public investment)



Varies	3 - Lanes	**	3 - Lanes	Varies
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\*\* Widened median

# Next Steps

- Community Meeting #7:
  - May 30 @ Lee Center
  - Release Draft Plan
- Plan Comment Round Table
  - Mid-June
- Community Meeting #8:
  - June 28 @ Lee Center
  - Draft Plan Community Comments





# **2018 Transportation Long Range Plan**

Agenda Item #10

# 2018 LRP Goals for May Meeting

- Review project ranking prioritized by the Transportation Commission
- Finalize ranking







# 2018 LRP Prioritization Results

Project No.	2016 Rank	2018 Rank	Staff Score	Project Description
P-4	12	1	1	Mt. Vernon Avenue Intersection Improvements
P-1	4	2	1	Upper King Street Multimodal Redesign (Quaker Lane to N. Hampton)
P-6	13*	3	3	Van Dorn St (Kenmore to Braddock Rd) Sidewalk
P-20	NEW	4	1	Priority Sidewalk projects in the 2016 Pedestrian and Bicycle Chapter of the TMP
P-3	9	5	2	N. Jordan St from Howard St to Seminary Road Sidewalk
P-2	6	6	1	Seminary Road From Quaker Lane to Ft. Williams Pkwy Sidewalk Improvements
P-19	NEW	7	3	Multimodal Bridge to Connect Eisenhower Avenue and S. Pickett Street
P21	NEW	8	1	Priority bike trail projects in the 2016 Pedestrian and Bicycle Chapter of the TMP
P-7	15	9	2	Commonwealth Avenue nonmotorized bridge
P-17	NEW	10	3	Norfolk Southern Rail spur in OTN converted into multi-use path
P-8	16	11	2	Madison Street Bike facility
P-9	18*	12	2	Holmes Run Trail at Morgan Street
P-10	18*	13	3	Non-motorized bridge over Cameron Run
P-11	21	14	3	Sanger Avenue Bridge
P-18	NEW	15	3	Connection between Potomac Yard Park to Mount Vernon Trail
P-5	13	16	1	Pedestrian improvements at King Street and waterfront area
P-15	26	17	3	S. Van Dorn Intersection Improvements
P-14	24	18	3	Edsall Road (Farrington) Connector to Farrington Avenue and South Pickett Street
P-12	22	19	0	Bicycle Parking at Waterfront - Staff proposes to remove
P-13	23	20	1	Commonwealth Ave. Green Street
P-16	27	21	3	I-395 access to West End Town Center
				* Projects that resulted in a prioritization tie
				Tier 1 High priority for Staff
				Tier 2 Medium priority for Staff
				Tier 3 Low priority for Staff
			Red	Staff proposes to not include this project in this version of the LRP



# 2018 LRP Next Steps

March

Overview of LRP / Schedule / Guidance

*April*

Methodology review for LRP update & Review draft of new LRP projects / Removed projects & initial screening of projects

Staff to finalize addition of new projects May TC meeting

Finalize screening of projects (Draft LRP)

Commission Score/Prioritize projects before June meeting

May

Finalize project scoring and prioritization and make any revisions needed before the June meeting.

June

Public Hearing  
Adoption of 2018 LRP by Transportation Commission

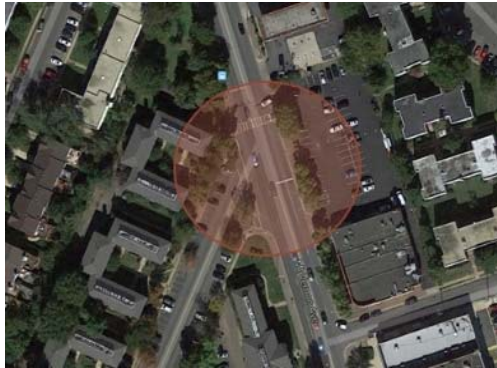




Thank you for all your input!

# 2018 Rank: 1

## Mt. Vernon Avenue Intersection Improvements



Mt. Vernon at Russell Road



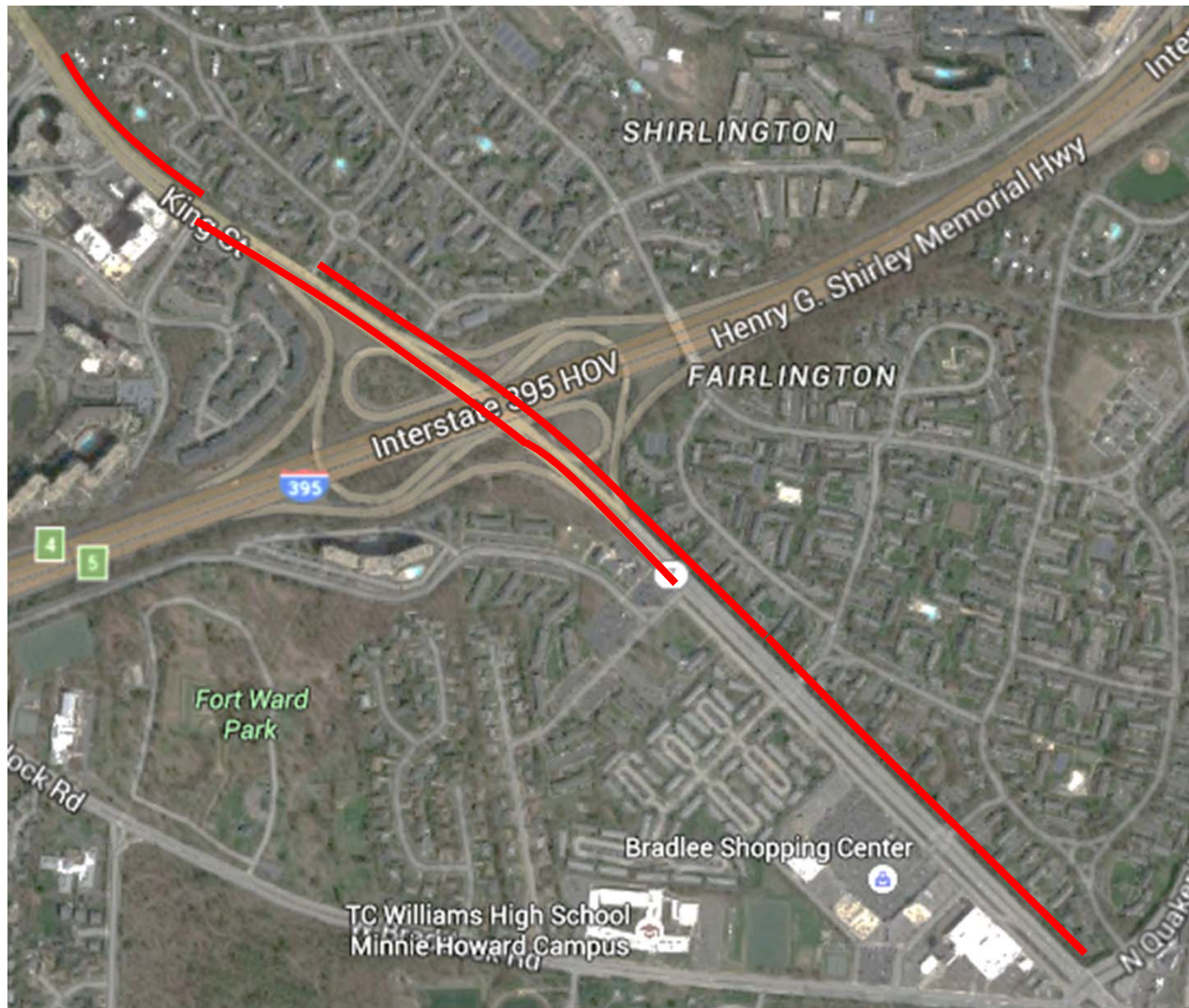
Mt. Vernon at Four Mile Road



Mt. Vernon at Glebe Road

# 2018 Ranking: 2

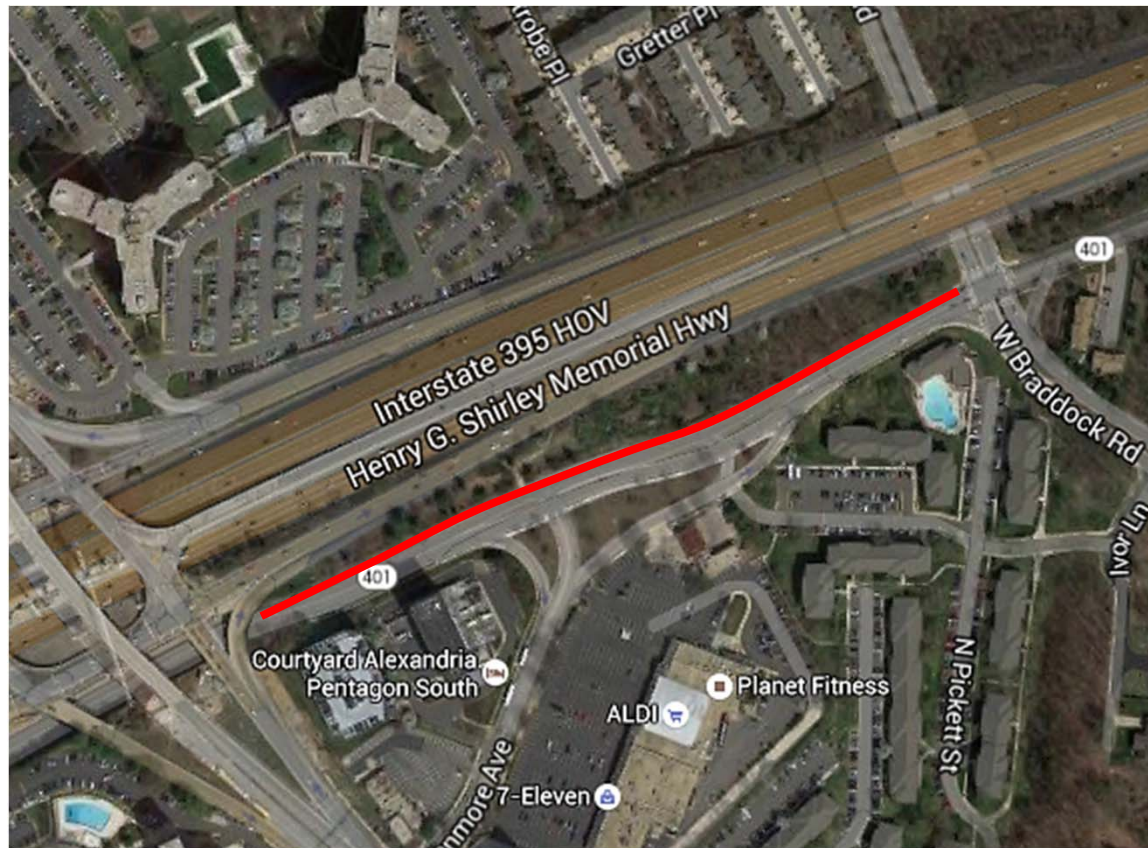
## Upper King Street Multimodal Redesign, Quaker Lane to N. Hampton





# 2018 Ranking: 3

Van Dorn Sidewalk, Kenmore to Braddock



# 2018 Ranking: 4



## Priority Sidewalk Projects from TMP

### Project Prioritization Results: Sidewalk

Project ID#	Project Length (Miles)	Priority Rank	Description
8	1.643386783	1	King St from S 28th to N Quaker
10	0.657093912	2	N Van Dorn from Kenmore past Fort Ward Park
15	0.576591287	3	S Payne St, Jefferson St
13	0.083038817	4	Cameron Station
44	0.092406692	5	N Fayette
12	0.203021827	6	Eisenhower Ave
23	0.47104107	7	N Jordan St
38	0.071686917	8	Russell Rd from Cedar to King St
34	0.271591179	9	Seminary Rd
36	0.127292627	10	Commonwealth from Glendale to W Nelson
14	0.31681924	11	S Van Dorn near Duke St
32	0.169995126	12	N Van Dorn between Wycklow and Maris
46	0.071394962	13	N Union St
11	0.550625222	14	Farrington from City Limits to Metro Road
28	0.102109483	15	Duke Street between 395 and S Van Dorn
27	0.102844288	16	Duke St near N Van Dorn

# 2018 Ranking: 4



## Priority Sidewalk Projects from TMP

43	0.044232098	17	Dewitt Ave
24	0.411898526	18	N Pegram St, Polk Ave
26	0.427552731	19	Taney Ave
31	0.397872282	20	N Beauregard St
17	0.110414818	21	Franklin St and Green St in Old Town
33	0.086963145	22	N Howard St
42	0.104088117	23	E Spring Ave
49	0.303439239	24	Dawes Ave
19	0.357277774	25	Kenwood, Crestwood, Oakcrest, Dogwood
48	0.791022083	26	N Rosser St, Colfax Ave
2	0.313585992	27	Russell Rd and Executive Ave from Kentucky Ave to W Glebe
39	0.151898634	28	Russell Rd from W Bellefonte to W Mason, W Monroe from Russell to Hancock
30	0.056672286	29	Stevenson Ave
7	0.085189147	30	N Quaker Ln north of Preston Rd
16	0.099989984	31	S Washington St
21	0.138115319	32	Cambridge Rd
20	0.306399192	33	W Braddock
47	0.131785368	34	Commonwealth Ave east of Four Mile Run Park
5	0.236942042	35	Cameron Mills from Chalfonte to Allison
22	0.216640424	36	Yale Dr
1	0.362116698	37	Old Dominion from Beverly Circle to W Glebe
6	0.224982458	38	Gunston Rd from Valley Dr to Eldon Dr
40	0.168523012	39	Russell Rd from W Del Ray to W Curtis
35	0.02027765	40	Colvin St
41	0.038407768	41	Valley Dr from Fordham to W Braddock
4	0.19030455	42	Enderby Dr from Wellington to Cameron Mills
3	0.163835369	43	Old Dominion and Edgehill from Allison to Beverly



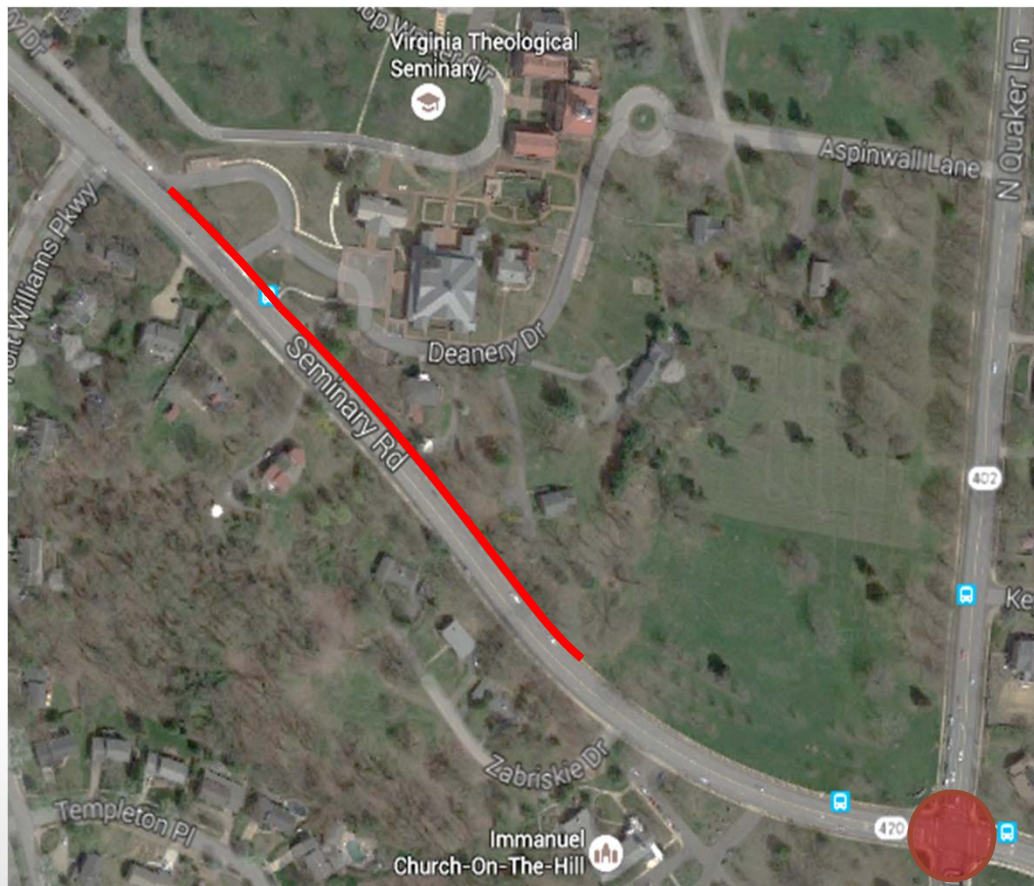
# 2018 Ranking: 5

N. Jordan Street Sidewalk, Howard St. to  
Seminary Road



# 2018 Ranking: 6

## Seminary Rd. from Quaker Ln. to Ft. Williams Pkwy Sidewalk Improvements



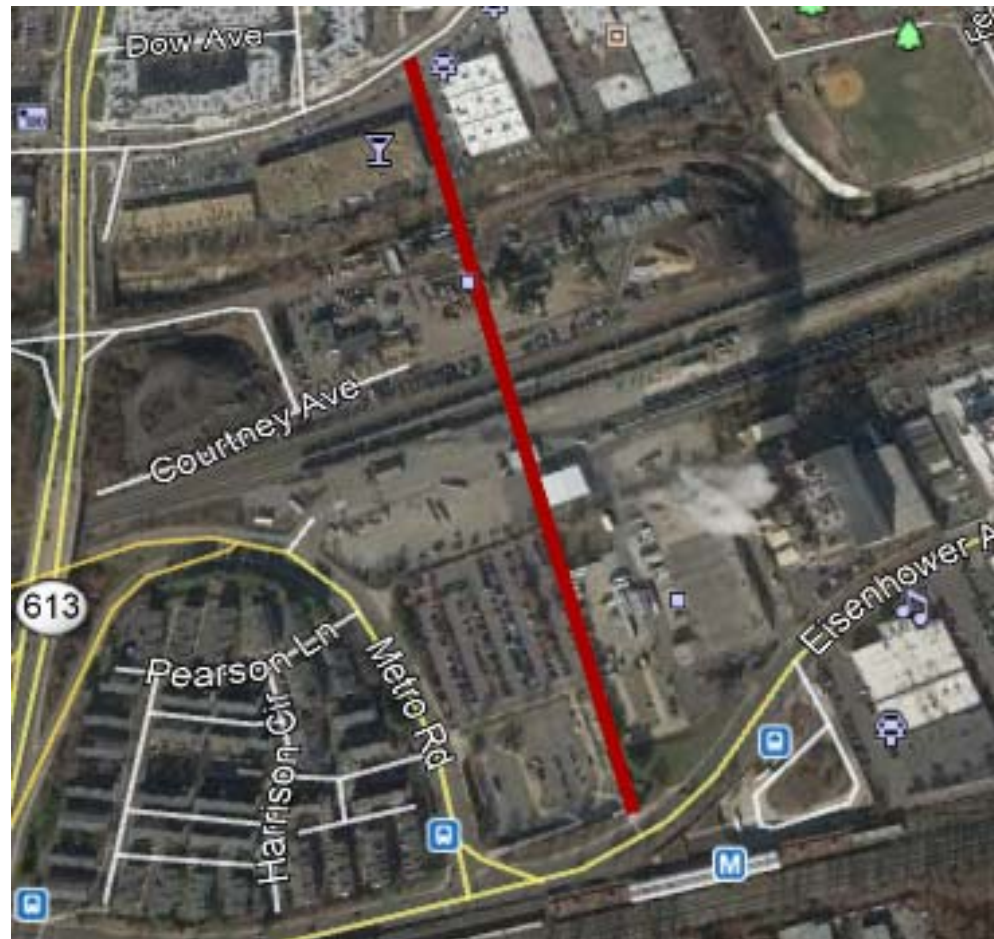
- Sidewalk on north side from Zabriskie to Ft. Williams Pkwy.
- Intersection improvements at Seminary and Quaker



# 2018 Ranking: 7



Multimodal Bridge to Connect Eisenhower Av.  
And S. Pickett St.





# 2018 Ranking: 8

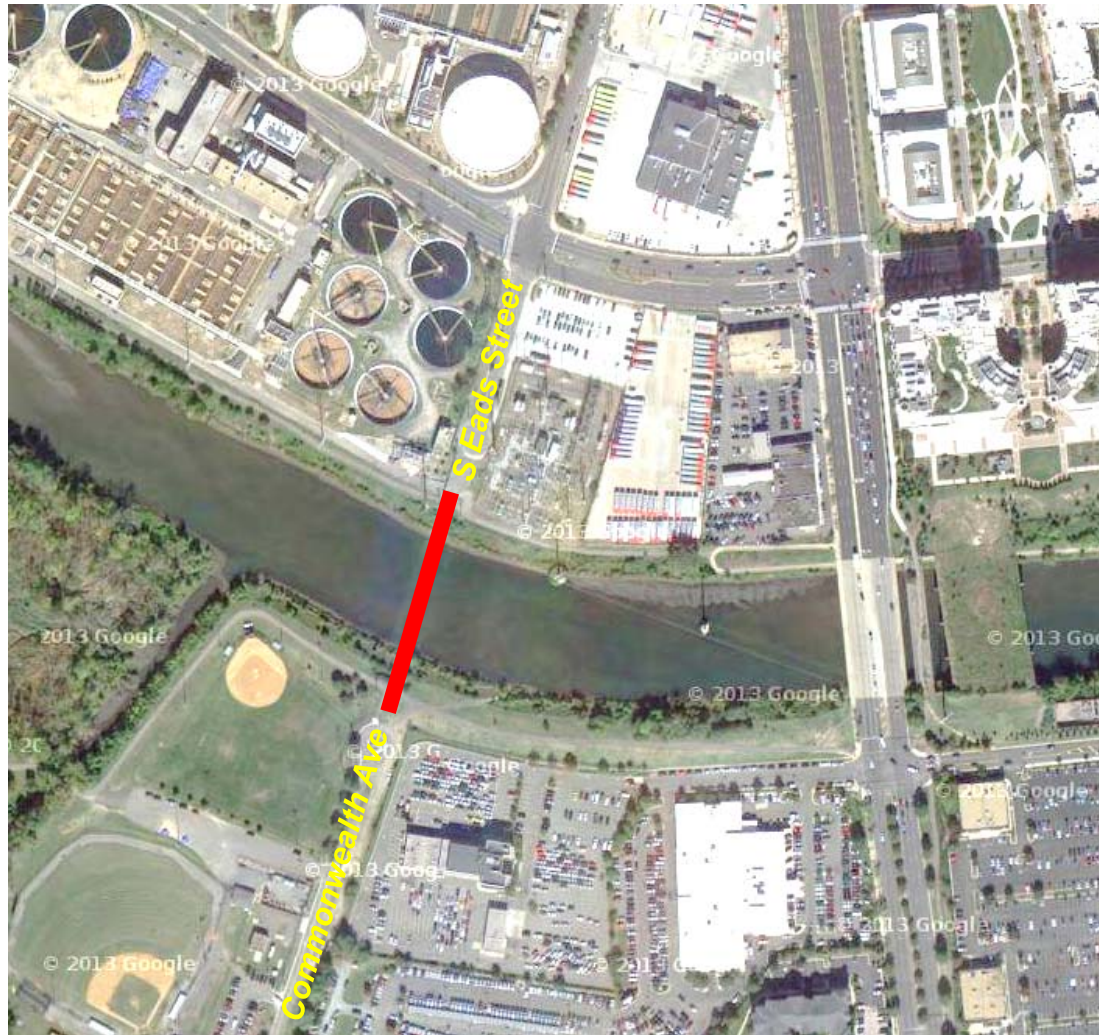
## Priority bike trail projects from TMP

### Project Prioritization Results: Trail

Project ID#	Project Length (Miles)	Priority Rank	Description
12	0.5320704	1	HOLMES RUN TRAIL (South side of Holmes Run between Ripley Street and N Pickett Street
110	0.9046095	2	BACKLICK RUN TRAIL from Armistead L. Boothe Park to Western City Limits
87	0.8364477	3	OLD CAMERON RUN TRAIL from STOVALL ST to HOOF'S RUN
38	0.235891	4	TRAIL from WHEELER AV to S QUAKER LA
73	0.4269832	5	TRAIL from E ABINGDON DR to POTOMAC AV TRAIL
9	0.2737261	6	TRAIL from DUKE ST to N VAN DORN ST
105	0.2443018	7	FORT WARD PARK TRAIL from N VAN DORN ST to W BRADDOCK RD
83	0.0613432	8	TRAIL from POTOMAC AVE to MOUNT VERNON TRAIL, TRAIL from JEFFERSON DAVIS HY to POTOMAC AV
103	0.1604969	9	LESLIE AV from SIMPSON STADIUM PARK BASE BALL FIELD to DUNCAN AV
80	0.1308068	10	TRAIL from POTOMAC AV to CARPENTER RD

# 2018 Rank: 9

## Commonwealth Avenue Non-motorized Bridge





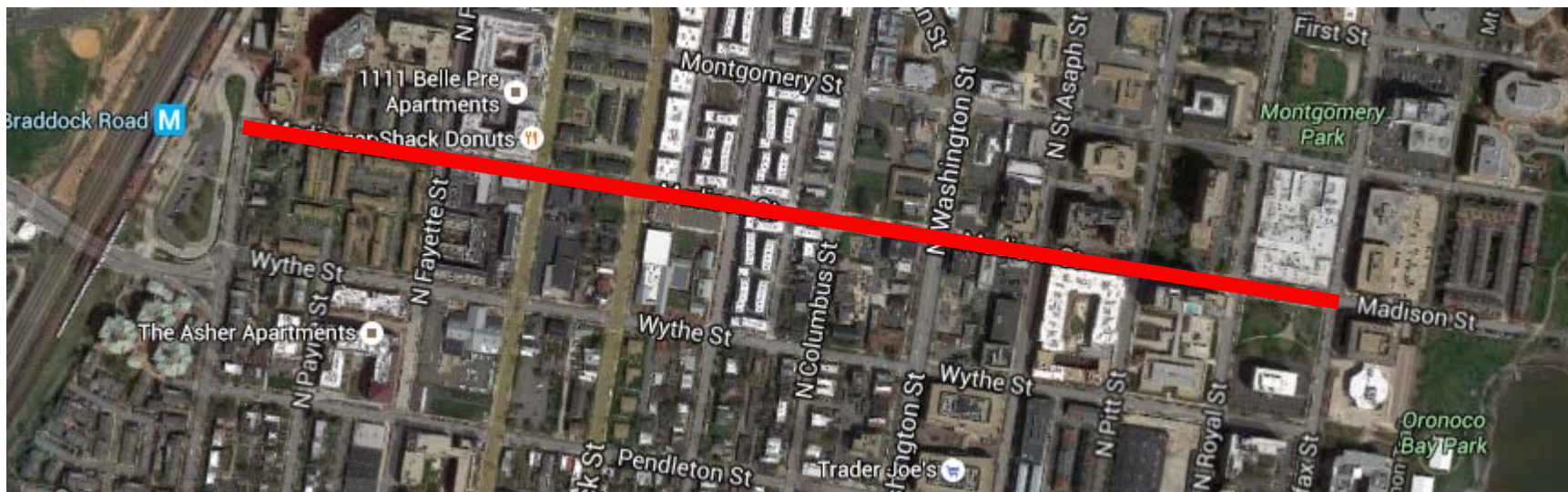
# 2018 Rank: 10

## Norfolk Southern Rail Spur in OTN



# 2018 Ranking: 11

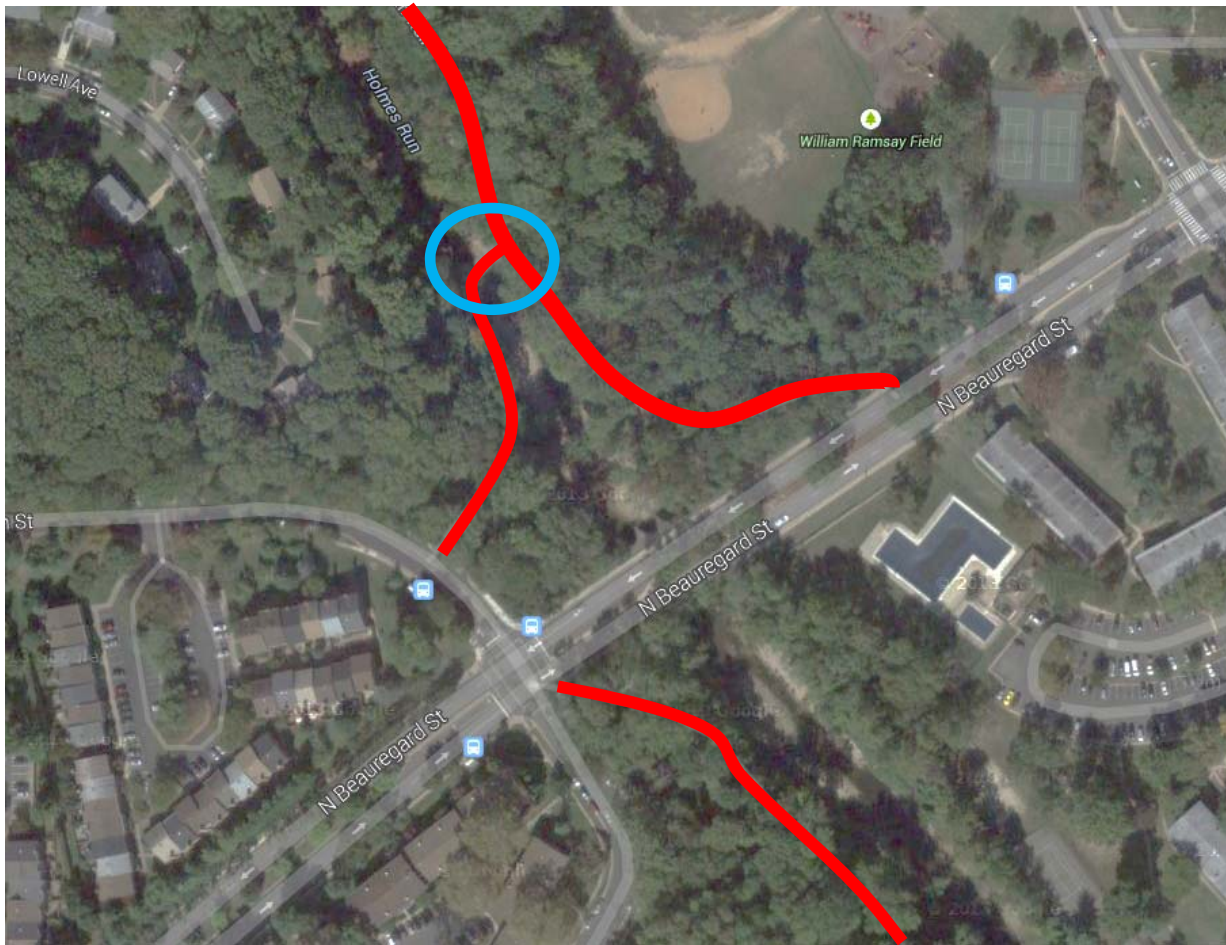
## Madison Street Bicycle Facility





# 2018 Rank: 12

## Holmes Run Trail at Morgan Street





# 2018 Rank: 13

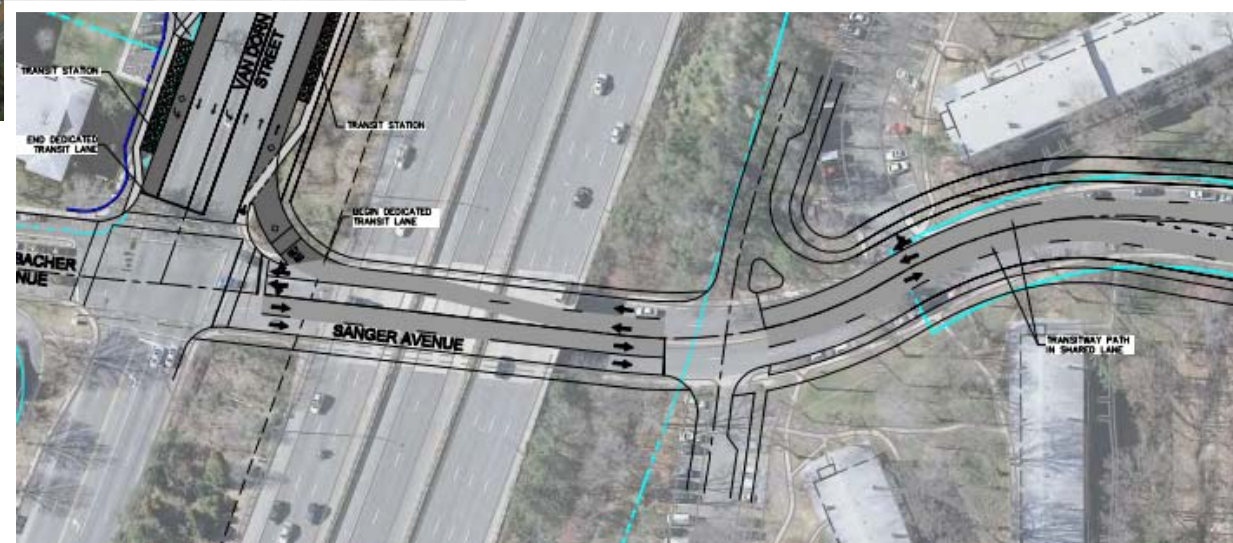
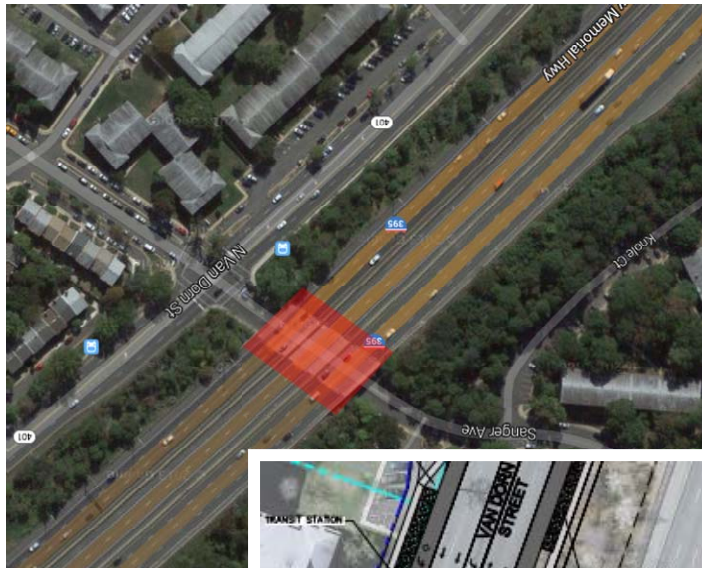
## Non-motorized bridge over Cameron Run

TO BE ADDED TODAY



# 2018 Rank: 14

## Sanger Avenue Bridge



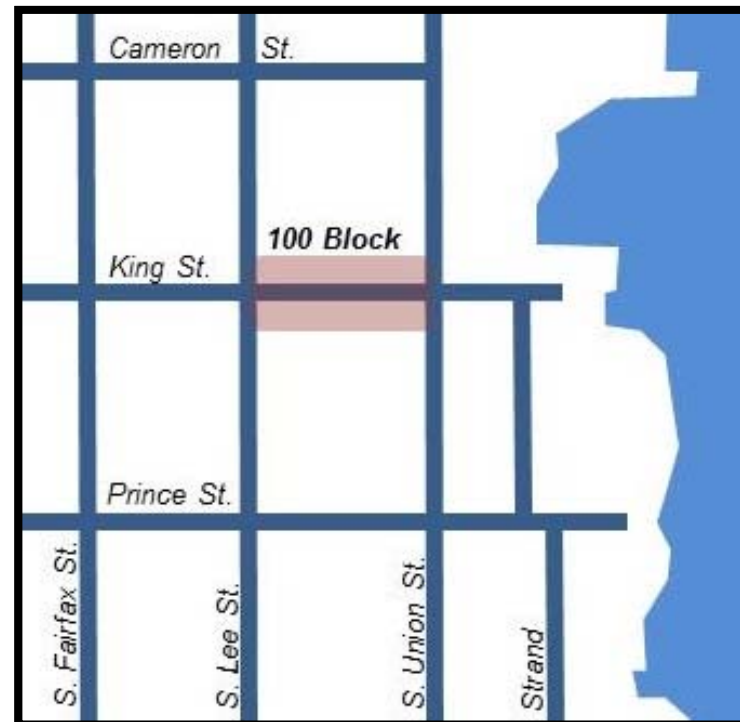


## 2018 Rank: 15

Connection between Potomac Yard Park to Mt.  
Vernon Trail

# 2018 Rank: 16

## Pedestrian Improvements at King St. and Waterfront Area



# 2018 Rank: 17

## Van Dorn Intersection Improvements

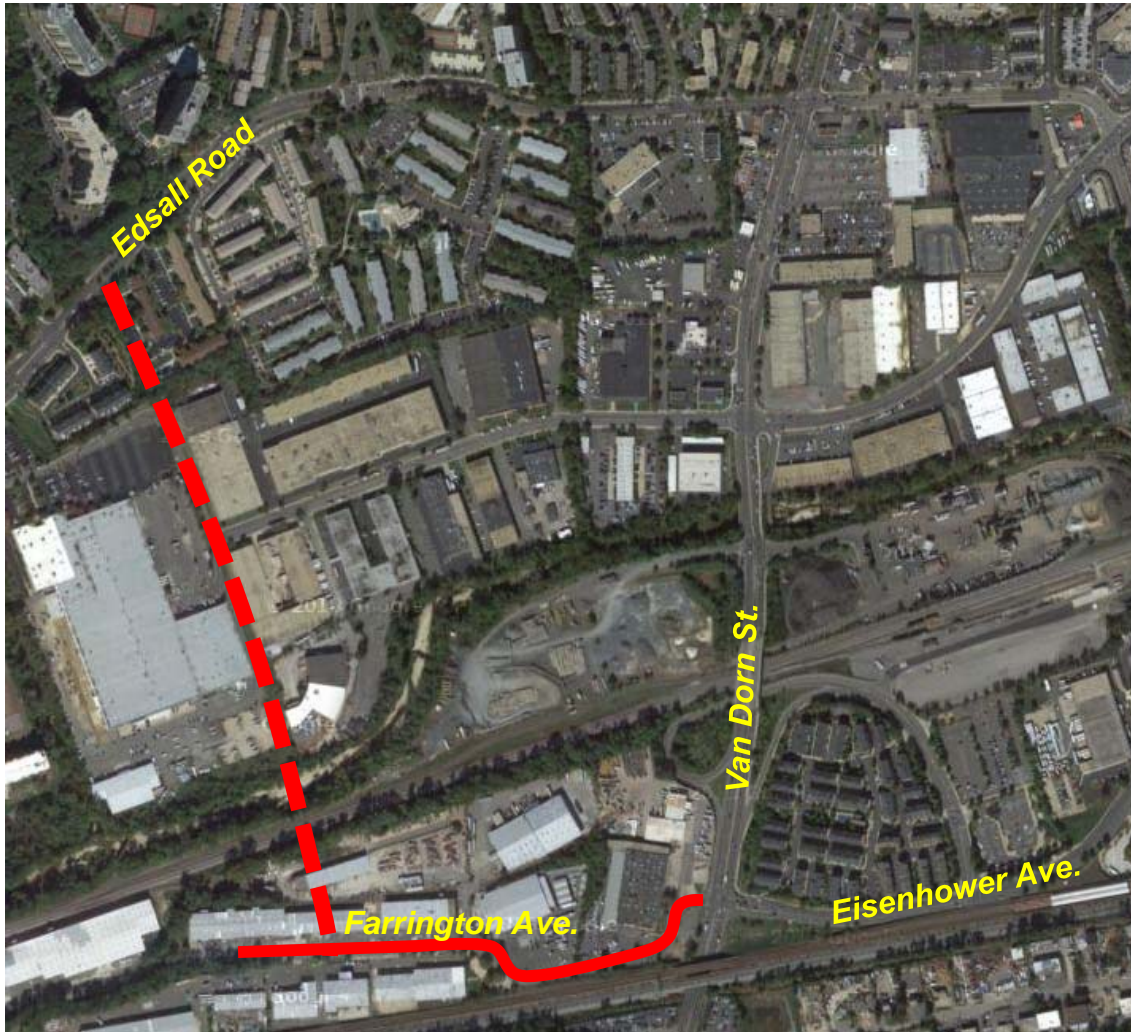


- Van Dorn at Edsall (Add WB right turn lane)
- Van Dorn at New Main Street (Add WB right turn lane)
- Van Dorn at Eisenhower (Add EB/WB Thru lane)



# 2018 Rank: 18

Edsall Road Connector to Farrington Ave.



# 2018 Rank: 19\*

## Bicycle Parking at Waterfront



- To be coordinated with the Waterfront Small Area Plan implementation

\* Staff proposes to remove this project from 2018 LRP



# 2018 Ranking: 20

## Commonwealth Avenue Green Street





# 2018 Rank: 21

## I-395 Access to West End Town Center





# Other Business

Agenda Item #11